### UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

Docket No. P1673US01

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application

			n, D.C. 20231		U.S. P
		S.C. 111(a) and	37 C.F.R. 1.53	(b) is a new utility patent ap	oplication for an '
APPARATUS		CELERATING I	HYDRATION O	OF PARTICULATE POLY	MER
and invented by	: oody and Marc A. Chalmers	<del></del>			
Kicharu E. Co	ouy and Marc A. Chaimers				
If a CONTINUA	TION APPLICATION, che	ck appropriate i	box and supply	the requisite information:	
☐ Continuat	ion 🗌 Divisional 🗌	Continuation	n-in-part (CIP)	of prior application No.:	
Which is a:			•		
☐ Continuat	ion 🗌 Divisional 🔲	Continuation	n-in-part (CIP)	of prior application No.:	
Which is a:				•	•
☐ Continuat	ion 🗌 Divisional 🗌	Continuation	n-in-part (CIP)	of prior application No.:	
Enclosed are:					
Liicioseg are.		Application	on Elements		
1. 🛭 Filin	g fee as calculated and tra	nsmitted as de	scribed below		
2 [5] 0		24		and colling or the configuration	
2. 🛭 Spe	cification having	24	pages and ir	ncluding the following:	· · · · · · · · · · · · · · · · · · ·
a. 🛚	Descriptive Title of the Inv	ention			
b. 🛚	Cross References to Rela	ited Application	s (if applicable)		
c. 🔲	Statement Regarding Fed	lerally-sponsore	d Research/De	velopment (if applicable)	-
d. 🗀	Reference to Sequence L	isting, a Table,	or a Computer I	Program Listing Appendix	
e. 🗵	Background of the Inventi	on			
f. 🛚	Brief Summary of the Inve	ention			
g. 🛛	Brief Description of the Dr	awings (if filed)			
h. 🛚	Detailed Description				
i. 🛚	Claim(s) as Classified Be	ow			
j. 🛚	Abstract of the Disclosure	•			
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Application	Elements	(Continued)
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3.	$\boxtimes$	Drawing(s) (when necessary as prescribed by 35 USC 113)					
	a.	□ Formal Number of Sheets 4					
	b.	☐ Informal Number of Sheets					
4.	×	Oath or Declaration					
	a.	☑ Newly executed <i>(original or copy)</i> ☐ Unexecuted					
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)					
	C.	☑ With Power of Attorney ☐ Without Power of Attorney					
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).					
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.					
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)					
7. 8.		Application Data Sheet (See 37 CFR 1.76)  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)					
	a.	☐ Computer Readable Form (CFR)					
	b.	☐ Specification Sequence Listing on:					
		i.   CD-ROM or CD-R (2 copies); or					
		ii. 🔲 Paper					
	c.   Statement(s) Verifying Identical Paper and Computer Readable Copy						
Accompanying Application Parts							
9.		Assignment Papers (cover sheet & document(s))					
10.		37 CFR 3.73(B) Statement (when there is an assignee)					
11.		English Translation Document (if applicable)					
12.	$\boxtimes$	Information Disclosure Statement/PTO-1449   Copies of IDS Citations					
13.		Preliminary Amendment					
14.	$\boxtimes$	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)					
16.		Certificate of Mailing					
		☐ First Class ☐ Express Mail (Specify Label No.):					

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		Accompanying Application Parts (Continued)
17.	$\boxtimes$	Applicant claims small entity status. See 37 CFR 1.27.
	•	☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:
18.		Additional Enclosures (please identify below):
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.
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#### **Fee Calculation and Transmittal**

#### **CLAIMS AS FILED** For #Filed #Allowed #Extra Rate Fee \$27.00 **Total Claims** 23 - 20 = 3 \$9.00 Х Indep. Claims 4 - 3 = 1 \$42.00 \$42.00 Multiple Dependent Claims (check if applicable) \$0.00 \$375.00 **BASIC FEE** \$0.00 OTHER FEE (specify purpose) **TOTAL FILING FEE** \$444.00 ☐ A check in the amount of to cover the filing fee is enclosed. ☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. 13-0110 as described below. A duplicate copy of this sheet is enclosed. ☐ Charge the amount of as filing fee. □ Credit any everpayment. Refund □ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). See attached PTO Form 2038 July 11, 2003 Dated: David M. Sullivan (Reg. No. 51,025) Phillip L. Free, Jr. (Reg. No. 38,143) Bruce P. LaBrie (Reg No. 53,172) CROWE & DUNLEVY, P.C. 20 North Broadway, Suite 1800 Oklahoma City, OK 73102 (405) 234-3236 - telephone CC: Arrowwod Chemical, L.L.C. (405) 272-5926 - facsimile